

REMARKS

Amendments

Amendments to the Claims

Applicant has amended the independent claims to more particularly point out that grid has a resolution for a set of training images and that a filter associated with the set of training images is applied to the pixels in the grid. No new matter has been added as a result of these amendments.

Rejections

Rejections under 35 U.S.C. § 103(a)

Claims 1-3, 5-9, 11-16, 18-33 and 35-38

Claims 1-9 and 11-38 stand rejected under 35 U.S.C. § 102(a) as being obvious over the combination of U.S. Patent 5,657,402 to Bender et al. (previously cited) and U.S. Patent 6,285,804 to Criton et al. Applicant notes that claims 4, 17 and 34 were cancelled in the previous response. Accordingly, only claims 1-3, 5-9, 11-16, 18-33 and 35-38 are subject to the § 103 rejection.

Bender discloses multiple images of the same subject taken at different focal lengths and then scaled to a common focal length. The scaled images are combined to create a final image having portions that are at a higher resolution than the corresponding original images. Criton discloses mapping multiple low-resolution images to a high resolution grid and generating a higher resolution image by interpolating pixels missing at grid points from the existing pixels.

With regard to amended independent claims 1, 14, 23, 29 and 35, the combination of Bender and Criton does not disclose a grid at the resolution for a set of training images, nor does the combination disclose applying a filter associated with the set of training images to the pixels on the grid.

Accordingly, Applicant respectfully submits that the invention claimed in claims 1-3, 5-9, 11-16, 18-33 and 35-38 is not rendered obvious by the combination of Bender and Criton under 35 U.S.C. § 103(a) and respectfully requests the withdrawal of the rejection of the claims.

Rejections under 35 U.S.C. § 103

Claim 10

Claim 10 stands rejected under 35 U.S.C. § 103(a) as being obvious over Bender and Criton in combination with U.S. Patent 6,155,726 to Ishikawa et al. (previously cited).

Ishikawa is directed to a coin operated film kiosk and contains no disclosure regarding snapping pixels of input images to a grid or applying a filter as claimed in claim 1, from which claim 10 depends. Because Ishikawa cannot be properly interpreted as disclosing the claimed terms missing in Bender and Citron, the combination of Bender, Criton and Ishikawa cannot render obvious Applicant's invention as claimed in claim 10. Therefore, Applicant respectfully requests the withdrawal of the rejection of the claims under 35 U.S.C. § 103(a) over the combination.

SUMMARY

Claims 1-3, 5-16, 18-33 and 35-38 are currently pending. In view of the foregoing amendments and remarks, Applicant respectfully submits that the pending claims are in condition for allowance. Applicant respectfully requests reconsideration of the application and allowance of the pending claims.

If the Examiner determines the prompt allowance of these claims could be facilitated by a telephone conference, the Examiner is invited to contact Sue Holloway at (408) 720-8300 x309.

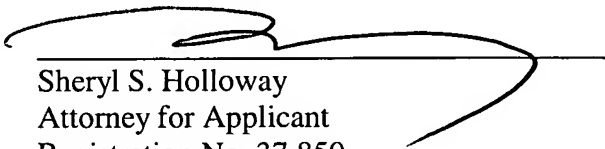
Deposit Account Authorization

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Applicant hereby requests such extension.

Respectfully submitted,

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